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Amendments to the Title

Please amend the title to read as follows:

COMBINATORIAL TRANSCRIPTION CONTROL FOR PROGRAMMED GENETIC
RESPONSE

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Amendments to the Specification

Paragraph [0050] as published is amended to read as follows:

Figure ~~relative 3b~~ provides the resulting expression level plot of relative RNAP binding probability dP for typical cellular TF concentrations ($\tilde{n}_A, \tilde{n}_B = 3500, q_0 = 0.027, \omega = 20$, which may be considered as the input-output characteristic of the system), represented by: